

REMARKS

The Applicants respectfully request reconsideration of this application in view of the above amendments and the following remarks.

35 U.S.C. §103(a) Rejection – AAPA, STD-101, Fennell

The Examiner has rejected claims 23-27, 29-35, 37-44, 46-54 and 62 under 35 U.S.C. §103(a) as being unpatentable over Applicant Admitted Prior Art (hereinafter "AAPA") view of PCCA standard STD-101 Annex f "*Data Transmission Systems and Equipment-Serial Asynchronous Automatic Dialing and Control for Character Mode DCE on Wireless Data Services-Annex F: Miscellaneous Commands*", PCCA, October 1994, pages 1-10 (hereinafter "STD-101"), and U.S. Patent No. 5,418,524 to Fennell (hereinafter "Fennell") for inherency.

The Applicants respectfully submit that the present claims are allowable over AAPA, STD-101, and Fennell.

Claim 23 recites:

"A device comprising:

a processor;

at least one memory coupled to the processor, the at least one memory including instructions to cause the processor to implement a wireless protocol;

a RF transceiver coupled to the processor; and

an interface coupled to the processor, the interface to receive signals from equipment;

wherein the processor is to process the signals received from the equipment over the interface; and

wherein the processor is further to process one or more short message service messages received through the RF transceiver from a wireless network, the short message service messages including modem management information; and

wherein the modem management information is to allow at least one of remote initialization and remote control of the equipment, wherein the equipment is selected from a utility meter, a meter concentration point, a utility meter control system, a substation monitor, telemetry equipment, a vending machine, and a computer".

AAPA, STD-101, and Fennel do not disclose these limitations or render them obvious.

Firstly, AAPA, STD-101, and Fennel do not disclose or render obvious that the modem management information is to allow at least one of **remote initialization and remote control of the equipment**, wherein the equipment is selected from a utility meter, a meter concentration point, a utility meter control system, a substation monitor, telemetry equipment, a vending machine, and a computer.

Secondly, as understood by Applicants, AAPA, STD-101, and Fennel do not explicitly disclose that the modem management information is included in one or more **short message service messages**. As understood by Applicants, the Examiner has relied upon STD-101 to reject the modem management information. However, STD-101 does not appear to disclose or even mention **short message service messages**.

Thirdly, as understood by Applicants, AAPA, STD-101, and Fennel do not explicitly disclose that the modem management information is **received through the RF transceiver from a wireless network**. FIG. 1 of AAPA shows configuration parameters 120 are passed to the GSM modem 108 over the serial cable 106 from the client computer 104. However, this does not disclose the modem management information is **received through the RF transceiver from a wireless network**. As understood by Applicants, STD-101 and Fennel do not explicitly disclose that the modem management information is **received through the RF transceiver from a wireless network**.

For at least one or more of these reasons, claim 23, and its dependent claims, are believed to be allowable.

Independent claim 32, and its dependent claims, are believed to be allowable for one or more similar reasons.

Claim 41 recites at least:

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“examine a short message service message that is received at a RF receiver of a wireless modem from a wireless network for modem management information;

process the short message service message at the wireless modem when the short message service message includes the modem management information, including handling a request for a call history log; and

pass the short message service message through the wireless modem when the short message service message does not include the modem management information”.

AAPA, STD-101, and Fennel do not disclose these limitations or render them obvious.

Firstly, AAPA, STD-101, and Fennel do not disclose or render obvious processing the short message service message at the wireless modem when the short message service message includes the modem management information, including handling a request for a call history log.

Secondly, as understood by Applicants, AAPA, STD-101, and Fennel do not explicitly disclose that the modem management information is included in a short message service message. As understood by Applicants, the Examiner has relied upon STD-101 to reject the modem management information. However, STD-101 does not appear to disclose or even mention short message service messages.

Thirdly, as understood by Applicants, AAPA, STD-101, and Fennel do not explicitly disclose that the modem management information is received at a RF receiver of a wireless modem from a wireless network. FIG. 1 of AAPA shows configuration parameters 120 are passed to the GSM modem 108 over the serial cable 106 from the client computer 104. However, this does not disclose the modem management information is received at a RF receiver of a wireless modem from a wireless network. As understood by Applicants, STD-101 and Fennel do not explicitly disclose that the modem management information is received at a RF receiver of a wireless modem from a wireless network.

For at least one or more of these reasons, claim 41, and its dependent claims, are believed to be allowable.

Independent claim 50, and its dependent claims, are believed to be allowable for one or more similar reasons.

35 U.S.C. §103(a) Rejection – AAPA, STD-101, Cai

The Examiner has rejected claims 28 and 55 under 35 U.S.C. §103(a) as being unpatentable over AAPA and STD-101 as applied to claims 23 and 55 above, and further in view of Cai (“General Packet Radio Services in GSM”, IEEE Communications, Vol. 35, Issue 10, (Oct. 1997), pages 122-131) (hereinafter “Cai”).

Without admitting that these references may be combined, Applicants respectfully submit that the present claims are allowable over AAPA, STD-101, and Cai.

As discussed above, the independent claims are believed to be allowable over AAPA and STD-101. As understood by Applicants, Cai does not remedy all of what is missing from these references for each of the independent claims. Accordingly, the independent claims as well as dependent claims 28 and 55 are believed to be allowable over AAPA, STD-101, and Cai. Applicants elect not to address other aspects of the rejection of these dependent claims at this point.

35 U.S.C. §103(a) Rejection – AAPA, STD-101, NTT

The Examiner has rejected claims 36 and 45 under 35 U.S.C. §103(a) as being unpatentable over AAPA and STD-101 as applied to claims 32 and 41 above, and further in view of NTT (“Proposal for external interface”, SMG/TSG-CN3/TSG-T2 London, 15-19 March 1999) (hereinafter “NTT”).

As discussed above, the independent claims are believed to be allowable over AAPA and STD-101. As understood by Applicants, NTT does not remedy all of what is missing from these references for each of the independent claims. In particular, the Examiner has not explained fully how he believes the +CLCC of NTT is in a short message service message and is received at a

RF receiver of a wireless modem from a wireless network. Accordingly, the independent claims as well as dependent claims 36 and 45 are believed to be allowable over AAPA, STD-101, and NTT. Applicants elect not to address other aspects of the rejection of these dependent claims at this point.

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Conclusion

In view of the foregoing, it is believed that all claims now pending patentably define the subject invention over the cited art of record and are in condition for allowance. Applicants respectfully request that the rejections be withdrawn and the claims be allowed at the earliest possible date.

Request For Telephone Interview

The Examiner is invited to call Brent E. Vecchia at (303) 740-1980 if there remains any issue with allowance of the case.

Request For An Extension Of Time

The Applicants respectfully petition for an extension of time to respond to the outstanding Office Action pursuant to 37 C.F.R. § 1.136(a) should one be necessary. Please charge our Deposit Account No. 02-2666 to cover the necessary fee under 37 C.F.R. § 1.17 for such an extension.

Charge Our Deposit Account

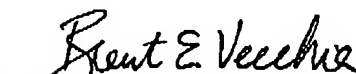
Please charge any shortage to our Deposit Account No. 02-2666.

Respectfully submitted,

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Dated: August 20, 2008

By



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